



#3/I.D.S

Sheet 1 of 3

Form PTO-1449 Modified		Docket No. ISIS-5030	Serial No. 10/079,185
List of Patent and Publications Cited by Applicant (Use several sheets if necessary) U.S. Department of Commerce Patent and Trademark Office		Applicant Stanley T. Crooke	RECEIVED MAY 24 2002 TECH CENTER 1600 2500
		Filing Date February 20, 2002	
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)			
M	AA	Chanfreau et al., "Alternative 3' -end processing of U5 snRNA by Rnase III," <i>Genes and Devel.</i> , 1997, 11, 2741-2751	
M	AB	Court, D., "RNA Processing and Degradation by Rnase III," <i>Control of Messenger RNA Stability</i> , 1993, Academic Press, Inc., Belasco and Brawerman, eds., 71-116	
M	AC	Elbashir et al., "RNA interference is mediated by 21-and 22-nucleotide RNAs," <i>Genes and Devel.</i> , 2001, 15, 188-200	
M	AD	Elbashir et al., "Duplexes of 21-nucleotide RNAs mediate RNA interference in cultured mammalian cells," <i>Nature</i> , 2001, 411, 494-498	
M	AE	Elela et al., "Rnase III Cleaves Eukaryotic Preribosomal RNA at a U3 snoRNP-Dependent Site," <i>Cell</i> , 1996, 85, 115-124	
M	AF	Mian, I. S., "Comparative sequence analysis of ribonucleases HII, III, II, PH and D," <i>Nucleic Acids Res</i> , 1997, 25, 3187-3195	
M	AG	Qu et al., "Seven Novel Methylation Guide Small Nucleolar RNAs are Processed from a Common Polycistronic Transcript by Rat1p and Rnase III in Yeast," <i>Mol Cell Biol</i> , 1999, 19(2), 1144-1158	
M	AH	Wu et al., "Identification and Partial Purification of Human Double Strand Rnase Activity," <i>J Biol Chem</i> , 1998, 273(5), 2532-2542	
M	AI	Arya, S. K. et al., "Inhibition of RNA Directed DNA Polymerase of Murine Leukemia Virus by 2'-O-Alkylated Polyadenylic Acids," <i>Biochem Biophys Res Commun</i> , 1974, 59(2), 608-615	
M	AJ	Arya, S. K. et al., "Inhibition of Synthesis of Murine Leukemia Virus in Cultured Cells by Polyribonucleotides and Their 2'-O-Alkyl Derivatives," <i>Molecular Pharmacology</i> , 1976, 12, 234-241	
M	AK	DeClercq, E. et al., "Influence of various 2- and 2'-substituted polyadenyl acids on murine leukemia virus reverse transcriptase," <i>Cancer Letters</i> , 1979, 7, 27-37	
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Sheet 2 of 3

Form PTO-1449 ModifiedDocket No.
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10/079,185List of Patent and Publications
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Stanley T. CrookeU.S. Department of Commerce
Patent and Trademark OfficeFiling Date
February 20, 2002Group
1635

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	AL	Hobbs, J. et al., "Polynucleotides Containing 2'-Amino 2'-deoxyribose and 2'-Azido-2'-deoxyribose," <i>Biochem.</i> , 1973, 12, 5138-5145
	AM	Hobbs, J. et al., "Poly 2'-Deoxy-2'-Aminouridylic Acid," <i>Biochem Biophys Res Commun</i> 1972, 46(4), 1509-1515
	AN	Hobbs, J. et al., "Polynucleotides Containing 2'-Chloro-2'-deoxyribose," <i>Biochem.</i> , Eckstein et al., Ed., 1972, 11, 4336-4344
	AO	Pieken, W. et al., "Kinetic Characterization of Ribonuclease-Resistant 2'-Modified Hammerhead Ribozymes," <i>Science</i> , 1991, 253, 314-317
	AP	Pilet, J. et al., "Structural parameters of single and double helical polyribonucleotides," <i>Biochem Biophys Res Commun</i> , 1973, 52(2), 517-523
	AQ	Rottman, F. et al., "Polynucleotides Containing 2'-O-Methyladenosine. I. Synthesis by Polynucleotide Phosphorylase," <i>Biochem</i> , 1968, 7, 2634-2641
	AR	Rottman, F. et al., "Polymers Containing 2'-O-Methylnucleotides. II. Synthesis of Heteropolymers," <i>Biochem</i> , 1969, 8(11), 4354-4361
	AS	Wincott et al., "Synthesis, deprotection, analysis and purification of RNA and ribozymes," <i>Nucl. Acids Res.</i> , 1995, 23(14), 2677-2684
	AT	Zmudzka, B. et al., "Poly 2'-O-methylcytidylic acid and the role of the 2'-hydroxyl in polynucleotide structure," <i>Biochem Biophys Res Commun</i> , 1969, 37(6), 895-901

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Sheet 3 of 3

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U. S. PATENT DOCUMENTS

Examiner Initial		Document No.	Date	Name	Class	Subclass
M	AU	5,804,683	09/08/98	Usman et al.	536	25.31
M	AV	5,891,683	04/06/99	Usman et al.	435	91.31
M	AW	5,898,031	04/27/99	Crooke	435	172.3
M	AX	6,107,094	08/22/00	Crooke	435	455

FOREIGN PATENT DOCUMENTS

Examiner Initial		Document No.	Date	Country	Translation YES NO	
M	AY	WO 92/07065	04/30/92	PCT		

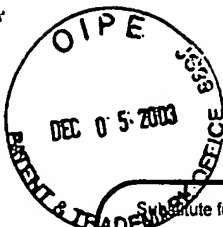
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Complete if Known			
		Application Number	10/079,185		
		Filing Date	February 20, 2002		
		First Named Inventor	Stanley T. Crooke		
		Group Art Unit	1635		
		Examiner Name	Not Yet Assigned		
Sheet	2	of	2	Attorney Docket Number	ISIS0003-101 (ISIS-5030)

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS			
Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
M	BB	Wu, et al., "Human RNase III is a 160-kDa protein involved in preribosomal RNA processing." J. Biol. Chem. (2000) 275:36957-36965.	
M	BC	Krinke and Wulff, "The cleavage specificity of RNase III," Nucleic Acids Res. (1990) 18:4809-4815.	
M	BD	International Search Report, November 19, 2003, PCT/US03/04912.	

Examiner Signature		Date Considered	4/27/05
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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